

Includes Reference to PCT International Applications

No. 3243-792PUS

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**INTERFERENCE ANALYSIS FOR A MOBILE RADIOTELEPHONE SYSTEM WITH ADAPTIVE ANTENNAE**

the specification of which (check only one item below)

☐ is attached herein☒ was filed as United States applicationSerial No. 09/830,658on 30 April 2001

and was amended

on    (if applicable).☒ was filed as PCT international applicationNumber PCT/DE99/03146on 24 September 1999

and was amended under PCT Article 19

on    (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of the application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefit under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

**PRIOR FOREIGN/PCT APPLICATIONS AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:**

Country (if PCT, indicate "PCT")	Application Number	Date of Filing (day, month, year)	Priority Claimed Under 35 U.S.C. 119	
Germany	198 51 701.7	30 October 1998	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
PCT	PCT/DE99/03146	24 September 1999	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/> YES	<input type="checkbox"/> NO

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No. EL913695411US

Application(s) designating the United States of America as a country in which protection of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:**

U.S. APPLICATIONS		STATUS (check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
<b>PCT APPLICATIONS DESIGNATING THE U.S.</b>				
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBER ASSIGNED (if any)		
PCT/DE99/03146	24 September 1999			

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (List name and registration number)

MYRON COHEN, Reg. No. 17,358; THOMAS C. PONTANI, Reg. No. 29,763; LANCE J. LIEBERMAN, Reg. No. 28,437; MARTIN D. PAVANE, Reg. No. 28,137; MICHAEL C. STUART, Reg. No. 35,698; KLAUS P. STOFFEL, Reg. No. 31,668; EDWARD M. WEISZ, Reg. No. 37,257; JULIA S. KIM, Reg. No. 36,567; VINCENT M. FAZZARI, Reg. No. 26,879; ALFRED W. FRUEHRICH, Reg. No. 38,887; KENT H. CHENG, Reg. No. 31,849; GEORGE WANG, Reg. No. 41,419; TZVI HIRSHAUT, Reg. No. 38,732; GERALD J. CECHONY, Reg. No. 31,335; ROGER S. THOMPSON, Reg. No. 39,594; and GEORGE J. BRANDT, JR., Reg. No. 22,021.551904

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2 0 1	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	SEQUENCE, CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
2 0 2	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	SEQUENCE, CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY

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1	RESIDENCE, CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
3	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.</p>				
SIGNATURE OF INVENTOR 201		SIGNATURE OF INVENTOR 202		SIGNATURE OF INVENTOR 203
<i>Hicham Aroudate</i>				
DATE		DATE		DATE
<i>August 25, 2001</i>				

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 U.S. DEPARTMENT OF COMMERCE, Patent and Trademark Office  
 Equivalent to PTO 100 (REV. 10-01)

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Rec'D OCT/PTO

12 SEP 2001

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charges required at this time in connection with the application may be charged to our Patent and

Trademark Office Deposit Account No. 03-2412.

- ☒ Executed Declaration and Power of Attorney
- ☒ Check in the amount of \$130.00 to cover the late filing of the declaration
- ☒ Assignment of the invention to **Mannesmann AG**
- ☒ Recordation cover sheet - PTO Form 1595
- ☒ Check in the amount of \$40.00 to cover the recordation fee
- ☐ Verified translation of the application into English  
(a processing fee is required if filed later than 20 or 30 months from the priority date).
- ☐ Check in the amount of \$130.00 to cover the processing fee for providing the translation of the application.
- ☐ Revised Drawing as requested.
- ☐
- ☒ Copy of form PCT/DOEO/905
- ☐ According to our records, we have not yet received form PCT/DOE0905.

If there are any additional fees that may be required at this time, the same may also be charged to Deposit Account No. 03-2412.

09/20/2001 MKAYPAGH 00000022 09830658

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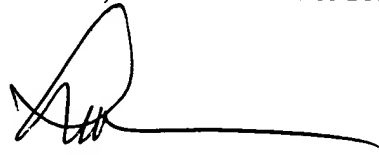
Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

09/20/2001 MKAYPAGH 00000022 09830658

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Dated: 12 September 2001